

To: Johnson, KarenD[Johnson.KarenD@epa.gov]; Johnson, Eric[Johnson.Eric@epa.gov]; Ioven, Dawn[Ioven.Dawn@epa.gov]; Markiewicz, Karl[Markiewicz.Karl@epa.gov]
From: Werner, Lora
Sent: Fri 1/10/2014 12:05:22 PM
Subject: Fw: WV Charleston chemical spill
HHS R3 Awareness SPOTREP: Chemical Release Charleston, WV
FW: leak at the Etowah Terminal Keystone Drive, 1.5 miles upstream of the WVAWC water plant intake
EHPM - Request has been Created
IMAAAC Product Available

Karen, see if this helps. I don't know what levels they are seeing, haven't made it thru all these attachments. CDC EOC recommended a 1 ppm screening level per ATSDR duty officer Larry Cseh below.

From: Cseh, Larry (ATSDR/DTHHS/OD) <loc3@cdc.gov>
Sent: Friday, January 10, 2014 6:51:16 AM
To: Werner, Lora S. (ATSDR/DCHI/EB)
Cc: Holler, James S. (Jim) (ATSDR/DTHHS/OD); Cseh, Larry (ATSDR/DTHHS/OD)
Subject: WV Charleston chemical spill

Lora,

I got a call last night from the CDC EOC concerning a chemical spill impacting the water system in Charleston WV. I've attached all the emails from the state. In a bullet

Jan 9 around 11:00 unknown quantities of Crude HCHM which major component is 4 – methylcyclohexanemethanol. All I could find was from the MSDS with a toxicological reference of 825 mg/kg LD-50 for rats. The American Water Company did not close the system before the product was taken in. The state issued a “Do Not Use” order at 18:00 but could not secure the system due to the high demand for fire protection etc.

I recommended a screening level of 1 ppm believing it would be extremely conservative.

Samples collected at 17:00 on the 9th were

Raw water 1093 ppb

West settled 1250 ppb

West filtered 864 ppb

East settled 930 ppb

East filtered 664 ppb

The DOH was reporting that the water had an off taste and odor. We are going to recommend that they flush the system if odor is detectable but do not anticipate any adverse health effects.

Larry

CAPT Larry F. Cseh, R.S., MSA

US Public Health Service

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